

Date: Thu, 1 Apr 93 08:09:46 PST  
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>  
Errors-To: Info-Hams-Errors@UCSD.Edu  
Reply-To: Info-Hams@UCSD.Edu  
Precedence: Bulk  
Subject: Info-Hams Digest V93 #404  
To: Info-Hams

Info-Hams Digest                      Thu, 1 Apr 93                      Volume 93 : Issue 404

Today's Topics:

                    "CB Transplants"  
                    ARRL Bulletin 34 ARLB034  
            Changes to Amateur Radio Elmers Resource Directory  
                    CW code speed (followup)  
                    Email\_Callbook\_server  
                    N8EMR\_BBS\_INFO  
New England Ham - Electronic Fleamarket Dates \*\* 1 April update \*\*  
                    Space Bulletin 011 ARLS011  
                    TV Antenna Amps - which to get?  
            UHF broadcasting. (was: DESPERATE... (2 msgs)

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>  
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.

-----

Date: 1 Apr 93 04:53:45 GMT  
From: ogicse!uwm.edu!rpi!cary101.its.rpi.edu!mellob@network.UCSD.EDU  
Subject: "CB Transplants"  
To: info-hams@ucsd.edu

mkraiesk@bilbo.encore.com (Mark E. Kraieski) writes:

>All who said they still get on the cb (SSB) regularly, really  
>enjoy it, but would never admit it to their ham buddies (including the net  
>community).

        Hello, my name is Brett. And i'm an Amateur CB-holic.

My favorite radio bands are (in order): 10 meters,  
11 meters, and 2 meters. (but not for its CB-likeness.)

I spend (spent) an equal amount of time on 10 as 11.  
It all depends on what kind of mood you're in! Sometimes  
I want to talk in a way that a Ham would just not find  
acceptable. ;-)

I try not to think of myself as being any less of an  
Amateur because I still use the CB. But some differ.

-Brett Mellor -- mellob@rpi.edu  
Rensselaer Polytechnic Institute  
Troy, New York

-----  
Date: Thu, 01 Apr 93 03:10:29 GMT  
From: newshub.nosc.mil!vela.acs.oakland.edu!cs.uiuc.edu!ux1.cso.uiuc.edu!  
moe.ksu.ksu.edu!zaphod.mps.ohio-state.edu!mstar!n8emr!bulletin@network.UCSD.EDU  
Subject: ARRL Bulletin 34 ARLB034  
To: info-hams@ucsd.edu

=====  
| Automatic relayed from packet radio via |  
| N8EMR's Ham BBS, 614-895-2553 |  
=====

ZCZC AG75  
QST de W1AW  
ARRL Bulletin 34 ARLB034  
>From ARRL Headquarters Newington CT  
March 31, 1993  
Relayed by KB8NW/OBS & BARF-80 BBS  
To all radio amateurs

SB QST ARL ARLB034  
ARRLB034 Amateur gets suspension

The amateur license of James L. Brantley, K6KPS has been suspended  
for a year starting March 21, 1993. The suspension was in  
settlement of a forfeiture (civil fine) proceeding against Brantley  
for alleged malicious interference and broadcasting violations of  
the Commission's Rules.

NNNN

-----  
Date: 1 Apr 93 12:00:38 GMT  
From: ogicse!emory!wupost!usc!sol.ctr.columbia.edu!news.unomaha.edu!  
news@network.UCSD.EDU  
Subject: Changes to Amateur Radio Elmers Resource Directory  
To: info-hams@ucsd.edu

Posted-By: auto-faq 2.4  
Archive-name: radio/ham-radio/elmers/diff

(Note: This diff file is taken from the list body only.)

/usr/bin/diff -c (last month's) (this month's)

\*\*\* /u3/pschleck/faq/elmers/list.body.old Mon Mar 1 06:06:25 1993  
--- /u3/pschleck/faq/elmers/list.body.new Thu Apr 1 06:00:05 1993

\*\*\*\*\*

\*\*\* 1,4 \*\*\*

! Amateur Radio Elmers Resource Directory (as of 03/01/93)

+++++

Jeff Angus WA6FWI

--- 1,4 ---

! Amateur Radio Elmers Resource Directory (as of 04/01/93)

+++++

Jeff Angus WA6FWI

\*\*\*\*\*

\*\*\* 8,14 \*\*\*

I run NOS as a tcp/ip <--> AX.25 mail bbs gateway. I also run a few nodes,  
soon to replace with Tnet-x1g on one and a PC NOS-switch on the other.

And, I have successfully installed UUPC/extended 1.11k and SNEWS for those

! MS-DOS affectionados out there.

ampr.org IP Coordinator for California - Los Angeles and San Fernando  
Valley subnet (44.016.xxx.xxx)

--- 8,14 ---

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ampr.org IP Coordinator for California - Los Angeles and San Fernando  
Valley subnet (44.016.xxx.xxx)

\*\*\*\*\*

\*\*\* 145,151 \*\*\*

brewer@anarky.enet.dec.com

! Wire antennas, restoration and operation/repair of tube gear.

+++++

--- 145,152 ----

brewer@anarky.enet.dec.com

! Wire antennas, restoration, operation and parts/tubes supplies  
! for most 40's-70's vintage gear.

+++++

\*\*\*\*\*

\*\*\* 378,383 \*\*\*

--- 379,398 ----

+++++

+ Ed Humphries                      Hewlett-Packard NARC Atlanta GA  
+ N5RCK                              Internet edh@hpuerca.atl.hp.com

+  
+ Past President, Williamson County (TX) ARC  
+ Former Assistant Emergency Coordinator for  
+ Williamson County ARES/RACES

+  
+ 2-meter FM, VHF Antennas, Mobile Installations  
+ Organizing Amateur Radio Seminars and Programs  
+ Multiband wire antennas, Field Day Activities  
+ and general WeatherNet & public service enthusiast

+  
+ ++++++

+     Bart J. Jahnke, KB9NM           | USENET: bjahnke@arrl.org  
+     Manager, ARRL Volunteer |  
+     Examiner Program           |                      BIX: ARRL

\*\*\*\*\*

\*\*\* 717,726 \*\*\*

    CW training  
    Having fun with Amateur Radio communications

! Maintainer of Hams on Usenet E-mail address directory

! Please direct all Hams on Usenet E-mail address feedback, submissions,  
! and administrvia to hams-on-usenet@ve6mgs.ampr.ab.ca.

Moderator of rec.radio.info newsgroup

--- 732,741 ----

CW training

Having fun with Amateur Radio communications

! Maintainer of Radio Amateurs on Usenet E-mail address directory

! Please direct all Radio Amateurs on Usenet E-mail address feedback,  
! submissions, and administrivia to hams-on-usenet@ve6mgs.ampr.ab.ca.

Moderator of rec.radio.info newsgroup

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\*\*\* 730,744 \*\*\*\*

+++++

! Nick Sayer <mrapple@quack.sac.ca.us>	"They robbed from the rich, and gave to
! N6QQQ @ N0ARY.#NOCAL.CA.USA.NA	the... criminally insane!"
! 37 19 49 N / 121 57 36 W	--Stimpy
! +1 408 249 963[012] (modem)	(The Adventures of Robin
!	Hoek)

! HF RTTY/AMTOR, Decoding CHU.  
VHF Packet  
! Unix, especially SunOS.

(MC68HC11 Mailing List has moved, mc68hc11-request@elden.cse.nau.edu  
is now the place to write to get connected.)

--- 745,759 ----

+++++

! Nick Sayer <mrapple@quack.kfu.com>	
! N6QQQ @ N0ARY.#NOCAL.CA.USA.NOAM	"Don't make me come in there..."
! +1 408 249 9630, log in as 'guest'	
! PGP 2.1 public key via finger	-- Powdered Toast Man

! HF RTTY/AMTOR, Decoding CHU  
VHF Packet  
! Unix, especially SunOS  
! Network Time Protocol (NTP)

(MC68HC11 Mailing List has moved, mc68hc11-request@elden.cse.nau.edu  
is now the place to write to get connected.)

\*\*\*\*\*

\*\*\* 826,831 \*\*\*

--- 841,848 ---

- Operate TCP/IP with Macintosh
- plus all around source of information about communications

+ Maintainer of Macintosh Amateur Radio Software List

+

+++++

Steve Sternitzke, NS5I

\*\*\*\*\*

\*\*\* 997,1003 \*\*\*

On air: CW only, 160 thru 10 incl. WARC, wire ant only

Work QTH: TP 680, Centro CCR, 21020 Ispra (VA) Italy

! E-mail at work: martin.zurn@cen.jrc.it

Expertise:

--- 1014,1020 ---

On air: CW only, 160 thru 10 incl. WARC, wire ant only

Work QTH: TP 680, Centro CCR, 21020 Ispra (VA) Italy

! E-mail at work: martin.zurn@jrc.it

Expertise:

--

73, Paul W. Schleck, KD3FU

pschleck@unomaha.edu (personal mail)

elmers-request@unomaha.edu (Elmers List administrivia)

-----

Date: Thu, 1 Apr 1993 08:53:57 GMT

From: mvb.saic.com!unogate!news.service.uci.edu!usc!sdd.hp.com!apollo.hp.com!

hpwin052!hpqmoea!dstock@network.UCSD.EDU

Subject: CW code speed (followup)

To: info-hams@ucsd.edu

John Morris's wife runs the local Cat's Protection League, so he has an awful lot of moggies to keep track of. He may want to arrange a bulk discount if these devices become available :-)

Cheers

David

-----  
Date: Thu, 01 Apr 93 06:00:29 GMT  
From: newshub.nosc.mil!vela.acs.oakland.edu!cs.uiuc.edu!ux1.cso.uiuc.edu!  
moe.ksu.ksu.edu!zaphod.mps.ohio-state.edu!mstar!n8emr!root@network.UCSD.EDU  
Subject: Email\_Callbook\_server  
To: info-hams@ucsd.edu

EMAIL CALLSIGN SERVER  
US CALLS ONLY

For those who do not have telnet access to marvin or one of the other  
Internet callsign servers here is an alternative.

N8EMR's Ham BBS, 614-895-2553 has an email server up and running.  
The Server is based on Buckmasters Spring 92 database.

----- INTERNET AND CIS USERS -----

Mail should be addressed to  
callbook@n8emr.cmhnet.org

If you have a well behaved mailer or a well know return address  
the reply path will be taken from your mail header. If you have  
a strange reply path or non standard reply path. You can use the  
option REPLY line to specify a return path.  
On the Subject line include a list a call signs to lookup. If your  
mailer doesnt generate a Subject line you can use the option CALL  
to specify a list of callsigns. All other lines and info are ignored.

E.G.

```
# mail callbook@n8emr.cmhnet.org
REPLY user@site.domain      (your reply path, ! or @ format.)
CALL n8emr w5rrr           (list of calls, space seperated)
^D
#
```

----- PACKET RADIO -----

Mail should be sent to CBOOK@N8JYV.#CMH.OH.USA.NA  
You MUST use both the REPLY and CALL option lines.  
The REPLY line should be as follows n8jyv!HOME\_BBS!CALL, where  
HOME\_BBS is your local packet bbs where you would normal pick up  
your mail, CALL is your callsign.  
You must include the n8jyv! in your reply path.. Packet mail will fail

without this.

E.g.  
SP CBOOK@N8JYV.#CMH.OH.USA.NA  
Subject ^M  
REPLY n8jyv!w8cqk!n8emr  
CALL n8emr w1aw  
/EX

----- FIDONET USERS -----

Fidonet users can send request to call book 1:226/20.0

Mail sent to the fidonet address must have the following info  
included the REPLY line in the following format.

REPLY fistname.lastname@fxx.nxx.zxx.fidonet.org

where xx is your fidonet node info.

----- OPTIONAL COMMANDS -----

REPLY This is an email address you would like to send the lookup info  
to. Either Internet @ or ! addressing is fine.  
CALL This is a white space separated list of callsigns you would like  
to lookup.

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Date: Thu, 01 Apr 93 06:00:22 GMT  
From: newshub.nosc.mil!vela.acs.oakland.edu!cs.uiuc.edu!ux1.cso.uiuc.edu!  
moe.ksu.ksu.edu!zaphod.mps.ohio-state.edu!mstar!n8emr!root@network.UCSD.EDU  
Subject: N8EMR\_BBS\_INFO  
To: info-hams@ucsd.edu

The N8EMR Ham bbs is online to serve the needs of the  
amateur radio operators..

HOW TO ACCESS THE N8EMR HAM RADIO TELEPHONE BBS !!!

System Name: N8EMR  
Phone: 614-895-2553  
Login: hbbs  
Modems: TB2500 PEP/V.32 support  
Times: 24hrs  
IP Address: 44.70.0.1  
Amateur radio anonymous ftp access is available via the ohio



netrom/ip network. CMHIP is the Netrom node Id and is known by most of the nodes in ohio. (its slow but it works)  
This is only via the ohio packet network. This sytem is not available via the "INTERNET".

To access the system via the dialup, at the login prompt type hbbs (lower case only), you will then enter the BBS program. Follow the directions from the bbs prompts.

I attempt to keep the latest and greatest HAM software on-line, and encourage all to upload Here is some of software that is available for downloading.

NEWHAM area. Pick the tools you need to become a ham  
AMSAT news and satellite keplerian elements  
KA9Q TCP/IP Software for various computers,  
ARRL related files  
Latest packet bbs programs and utilitys.  
Modifications for HAM Rigs and Scanners  
DX and contesting programs  
Many Packet related programs  
Scanner, shortwave and TVRO files and messages.  
NASA NEWS..  
Online Callsign lookup.

Question or comments to

Gary W. Sanders (gws@n8emr.cmhnet.org), 72277,1325  
N8EMR @ W8CQK (ip addr) 44.70.0.1 [Ohio AMPR address coordinator]  
HAM BBS 614-895-2553  
Voice: 614-895-2552 (eves/weekends)

-----  
Date: 1 Apr 1993 10:17:20 GMT  
From: w1gsl@athena.mit.edu  
Subject: New England Ham - Electronic Fleamarket Dates \*\* 1 April update \*\*  
To: info-hams@ucsd.edu

New England Area Major Flea Market \*\*\* DATES \*\*\* 1993 P 1 of 2  
All events are Ham Radio/ Electronic related except ~~~~~

\*\*\*\*\*  
1993 Contact Source  
\*\*\*\*\*

3 April Upper Saddle River NJ CRRC 9-3 sell @8 Jack W2EHD 201 768 8360 D

4 April Southington CT SARA @HS \$20@6:3 \$10@8:3 \$3@9 N1GCV 203 621 6191 F

17 April Nashua NH NE Antique RC \$5@8 \$1@9 @ Res Ctr Church Ray 508 865 1290

18 April Cambridge MA FLEA at MIT Nick 617 253 3776 F  
 buy \$2@9A sellers \$10/sp@7A \$8in adv \$35 for season pass  
 3rd Sunday Each Month April thru October

18 April Webster MA ECARA @ Pt Breeze Rest \$3 tables \$10 Gary 203 974 2564 F

18 April Agawam MA HCRA @ Southwick Rec Ctr \$3@9A Bob W1ZGP 203 653 0715 F

23,24,25 April Dayton OH adm \$11 sell \$30/50++ evenings 513 767 1107 F

2 May Yonkers NY @Lincoln HS Otto WB2SLQ 914 969 1053 A

7-8 May Rochester NH Hoss Traders @FG ex13 off rt 16 \$5 noon fri WA1IVB sase

15 May N Smithfield RI RIFMRS @VFW Main St 8A Rick K1KYI 401 725 7507

16 May Cambridge MA FLEA at MIT Nick 617 253 3776 F

16 May Pittsfield MA @Taconic HS Sell \$5@7 Buy \$2@8 Cliff W1SJV 413 743 3334

21-22-23 May Rochester NY ARRL-NY Conv @ Monroe FG Harold K2HC 800 724 8515 F

5 June S Burlington VT Mitch WB2JSJ 802 879 6589

6 June Newington CT @HS Flea Les KA1KRP 203 523 0453

12 June Bangor ME Pine St ARC @Hermon ES 146.34/94 8AM-\$2 Roger 207 848 3846

20 June Cambridge MA FLEA at MIT Nick 617 253 3776 F

17 July Nashua NH NE Antique RC \$5@8 \$1@9 @ Res Ctr Church Ray 508 865 1290

17 July Union ME @ Fairground \$3@7AM State Conv Skeet KA1LPW 207 622 2915

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LAST UPDATE 3-29-93 de W1GSL P 1 of 2

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Additions/ Corrections via Internet w1gsl@athena.mit.edu

US Mail W1GSL POB 82 MIT Br Cambridge MA 02139

SASE for updated copy as issued.

\*\*\*\*\*

18 July Cambridge MA FLEA at MIT Nick 617 253 3776 F  
3rd Sunday Each Month April thru October

24 July Manchester NH NHARA @HI 8A\$4 NE DC 300Ts (no TG) WB1HBB 603 432 6011 F

8 Aug White Planes NY WECAfest Sarah N2EYX 914 962 9666 D

8 Aug Wellseley MA WARS+BARS @Babson College Barry WN1N 508 877 4947 T

14 Aug St Albans ME @ Snow Mobile Club Hitch K1HHC 207 796 2282

15 Aug Cambridge MA FLEA at MIT Nick 617 253 3776 F

29 Aug Fall River MA BCRA Tom WA1LBK 508 674 4163 T+

11 Sept Windsor ME @ Fairground \$3@7AM Skeet KA1LPW 207 622 2915

12 Sept Gaithersburg MD FAR @Mg Cty FG \$5@6A- \$7TG Nancy Drahim 703 691 0078 J

12 Sept S Dartmouth MA SE Mass ARA 8A- Dan N1HCV 508 933 0678 +

19 Sept Cambridge MA FLEA at MIT Nick 617 253 3776 F

19 Sept Sandy Hook CT Candlewood ARA Harold KB1US A

25 Sept Greenbush ME WCSN/BARC @WCSN xmtr Ed Cockburn 207 732 4366

26 Sept Framingham MA @ HS \$12@8 \$5@9 \$2@10 Barry WN1N 508 877 4947 F

26 Sept Yonkers NY Metro 70 ARC Otto WB2SLQ 914 969 1053 A

15,16 Oct Rochester NH Hoss Traders @FG ex13 off rt 16 \$5 noon fri K1RQG

17 Oct Cambridge MA FLEA at MIT Nick 617 253 3776 F

13 Nov Plymouth MA Mayflower RC @Mem Hall 9-3 sell@8 Jim NM1F 508 747 2224

14 Nov Branford CT SCARA @intrm sch Brad WA1TAS 203 265 9983 T

~~~~~  
LAST UPDATE 3-29-93 de W1GSL

P 2 of 2

Source F= Flyer J= John Roberts list A= ARRL list WR NV 73 CQ QST = Mags

T= tentative early info D= W1DL + = new info this month

This list has been compiled from many sources. While we believe the info to be accurate the author can not be responsible for changes or errors.

Check with the sponsoring organizations for more details.

This list will be posted monthly to Usenet if additions have been made.

Mailed copies are sent when additions are made.

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Additions/ Corrections via Internet w1gsl@athena.mit.edu

US Mail W1GSL POB 82 MIT Br Cambridge MA 02139

SASE for updated copy as issued.

-----  
Date: Thu, 01 Apr 93 03:10:29 GMT

From: newshub.nosc.mil!vela.acs.oakland.edu!cs.uiuc.edu!ux1.cso.uiuc.edu!

moe.ksu.ksu.edu!zaphod.mps.ohio-state.edu!mstar!n8emr!bulletin@network.UCSD.EDU

Subject: Space Bulletin 011 ARLS011

To: info-hams@ucsd.edu

=====  
| Automatic relayed from packet radio via |

| N8EMR's Ham BBS, 614-895-2553 |  
=====

ZCZC AS90

QST de W1AW

Space Bulletin 011 ARLS011

>From ARRL Headquarters Newington, CT

March 31, 1993

Relayed by KB8NW/OBS & BARF-80 BBS

To all radio amateurs

SB SPACE ARL ARLS011

ARLS011 SAREX update

The night time launch of SAREX shuttle mission STS-56 is scheduled for liftoff on April 6 at 0532 UTC or 0132 a.m. EDT. Every crew member of STS-56 has a ham license. This flight will go before STS-55 which has been tentatively set for launch around April 23. STS-57 is scheduled for no earlier than May 10 and will probably be closer to May 18. Monitor W1AW for further updates.

NNNN

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Date: Thu, 1 Apr 1993 13:46:06 GMT

From: newshub.nosc.mil!vela.acs.oakland.edu!cs.uiuc.edu!wupost!spool.mu.edu!

sol.ctr.columbia.edu!news.unomaha.edu!cwis.unomaha.edu!rerickso@network.UCSD.EDU

Subject: TV Antenna Amps - which to get?

To: info-hams@ucsd.edu

You do not want a TV preamp unless you want to live with TVI problems. I have a neighbor who lives just over

50-foot away and I can not even run 1/2-watt on two meters without giving them harmful interference. RS also sells an amplified rabbit ears TV antenna. If you have much metal surface in your line of fire in the attic all bets are off even if a TV antenna with a pre-amp is going to do you any good.

Ron  
AK0N  
rerickso@cwis.unomaha.edu

-----  
Date: 1 Apr 93 09:58:02 GMT  
From: ogicse!emory!darwin.sura.net!zaphod.mps.ohio-state.edu!sol.ctr.columbia.edu!news.cs.columbia.edu!popovich@network.UCSD.EDU  
Subject: UHF broadcasting. (was: DESPERATE...  
To: info-hams@ucsd.edu

>very profitable. Now that HDTV is coming, all VHF broadcasters are  
>going to have to convert to UHF starting in 1996. The VHF channels  
>are going to be closed to broadcast in 2008 with the full conversion  
>to digital HDTV. HDTV is going to allow relaxation of the spacing  
>requirements and eliminate the forbidden channels. By 2008, if there  
>are any broadcasters left, they'll be on UHF.

Is this true? Just imagine, no more TVI at the neighbors' from low-order harmonics of the higher HF ham bands...this by itself would do wonders for ham radio's public relations :-)! Of course, with the way most electronics seem to be going, there will most likely be an offsetting increase in front-end overload sensitivity :-(.

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Date: Thu, 1 Apr 1993 08:19:32 GMT  
From: dog.ee.lbl.gov!overload.lbl.gov!agate!usenet.ins.cwru.edu!gatech!wa4mei!ke4zv!gary@network.UCSD.EDU  
Subject: UHF broadcasting. (was: DESPERATE...  
To: info-hams@ucsd.edu

In article <1993Mar31.163953.6169@hemlock.cray.com> dadams@cray.com writes:  
>In article 9728@ke4zv.uucp, gary@ke4zv.uucp (Gary Coffman) writes:  
>|In article <1993Mar30.100221.16280@hemlock.cray.com> dadams@cray.com writes:  
>|>But then what does it take to get the appropriate license?  
>|  
>|You first have to get a vacant channel assigned to the community.  
>|That is an FCC major action. Due to the distance separation rules,  
>|and the forbidden channel rules, this is hard to do in most areas.  
>

>What are forbidden channels?

Forbidden channels are channels 90 MHz away from an existing channel. That's the image frequency of a TV receiver. Naturally co-channel stations are distance spaced, rules say 175 miles. Also the first adjacent channel on either side, and the second adjacent channel on either side of an existent channel are distance spaced, 75 and 25 miles respectively. All that eats up a lot of channels.

>|Then you file in competition with other interests for the privilege  
>|of using that channel. You have to show financial ability to operate  
>|the station for the license period. You have to show that your proposed  
>|operation is in the public interest and necessity. And you must operate  
>|a full schedule. The FCC will make a decision among the competing filers  
>|and issue the winner a construction permit. You then have 1 year to get  
>

>This all just boggles my mind. This makes it sound as if there is  
>intense competition for UHF channels. What makes this hard to  
>believe is the fact that only a small handful of the UHF channels  
>are used in most areas.

When forbidden channels and spacing are considered, there aren't that many available channels, especially in the top 100 markets. TV broadcast was very profitable, cable and video tape rentals have cut into that in recent years, but before that everyone wanted a broadcast assignment. It was a license to print money. VHF was preferred, but even UHF was very profitable. Now that HDTV is coming, all VHF broadcasters are going to have to convert to UHF starting in 1996. The VHF channels are going to be closed to broadcast in 2008 with the full conversion to digital HDTV. HDTV is going to allow relaxation of the spacing requirements and eliminate the forbidden channels. By 2008, if there are any broadcasters left, they'll be on UHF.

>|the station on the air and operating in the manner you proposed. At  
>|that time another hearing is held to determine if you are serving the  
>|public convenience and necessity. If there is a positive finding,  
>|you are issued a 3 year license. There are filing fees at each step,  
>|and you really must have a communications lawyer certified to practice  
>|before the FCC to carry this out. Figure on spending at least \$100,000  
>|to get the construction permit, and \$15 to \$50 million to get the station  
>|on the air and operational for the license period.

>|

>|LPTV is a bit different. The FCC held a lottery to assign the LPTV  
>|channels. The lottery winners were mostly major organizations, or

>

>What is LPTV?

Low Power TeleVision. It's an outgrowth of the old TV translators.

The FCC dreamed it up to increase competition in broadcasting. Think of it as local access cable without the cable. It looked like it had a great future at one time, but cable has cut into broadcast's market so sharply that LPTV operations, which don't qualify for cable must carry rules, are falling like flies. Most are run by religious broadcasters, and a few are doing the video jukebox thing. Most are losing money.

Gary

--

Gary Coffman KE4ZV		You make it,		gatech!wa4mei!ke4zv!gary
Destructive Testing Systems		we break it.		uunet!rsiatl!ke4zv!gary
534 Shannon Way		Guaranteed!		emory!kd4nc!ke4zv!gary
Lawrenceville, GA 30244				

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Date: 1 Apr 93 08:52:04 GMT

From: munnari.oz.au!metro!mippet.ci.com.au!eram!dave@uunet.uu.net

To: info-hams@ucsd.edu

References <drw-290393204254@129.193.144.86>,

<1993Mar30.152614.20118@mnemosyne.cs.du.edu>, <1p9rc3INNeii@rave.larc.nasa.gov>

Subject : Re: Wanted: thoughts on glass mount ants

In article <1p9rc3INNeii@rave.larc.nasa.gov>,

kludge@grissom.larc.nasa.gov (Scott Dorsey) writes:

| That's right, it's not only bunk, but it's a way to do a lot of damage.  
| Instead, use a Greenlee sheet metal punch. While they are fairly expensive,  
| they do an amazingly clean job.

Oh, I dunno. I start with a small drill-bit, and work up. The metal shavings are a bit of a bear, though... Anyway, the steel is about 15 years old, so I don't really care about the appearance of it.

Somebody mentioned not being able to remove the headliner, and would have to use the dome light cavity instead. I've always used that, but on the latest car the light is well-forward, which is just as well, as the car has non-removable roof-racks!

I keep seeing reference to ``NMO'' mounts; can someone tell this non-Yank what they are, please? Would they be what we would call a ``Mobile One'' mount (named after the major manufacturer): a metal plate with teeth that grip the underside of the roof, and a hollow threaded mount through which the inner+dielectric is threaded and soldered at the tip, on top of all is put a neoprene washer, a solid rubber boss, and a hex nut to clamp it all, then the antenna is merely screwed on? The screw thread is 5/16" 26TPI. There are variations on the actual affixation method, but that's the

general idea.

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